	Application No.	Applicant(s)
Notice of Allowability	10/620,805	KAWASAKI ET AL.
	Examiner	Art Unit
	Cuana O. Nausan	2014
	Cuong Q. Nguyen	2811
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in to or other appropriate communication is sufficient to the communication of the communication is sufficient to the communication of t	this application. If not included ication will be mailed in due course. THIS
1. This communication is responsive to		
2. The allowed claim(s) is/are <u>1-4</u> .		
 3.		(f) .
2. Certified copies of the priority documents have	been received in Application	No
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be subminformal patent application (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") must	st be submitted.	
(a) I including changes required by the Notice of Draftspers	son's Patent Drawing Review	(PTO-948) attached
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or i	n the Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
 DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. 		
Attachment(s)	5 Notice of Info	ormal Patent Application (PTO-152)
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 	6. Interview Sur	, , , , ,
	Paper No./N	fail Date
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 06-03-04	<i>.</i> _	mendment/Comment
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	_	statement of Reasons for Allowance
•	9. 🗌 Other	aga
		CUONG NGUYEN PRIMARY EXAMINER

DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Non-elected claims 5-9 have been canceled due to election without traverse on 10-26-05.

Reason for Allowance

- 2. Claims 1-4 are allowed.
- 3. The following is an examiner's statement of reasons for allowance: Prior art do not teach or render obvious a HJB transistor has an arrangement as claimed in claims 1 and 4.
- 4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Papers related to this application may be submitted to Technology center (TC) 2800 by facsimile transmission. Papers should be faxed to TC 2800 via the TC 2800 Fax center located in Crystal Plaza 4, room 4-C23. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The Group 2811 Fax Center number is (571) 273-8300.

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The Group 2811 Fax Center is to be used only for papers related to Group 2811

applications.

6. Any inquiry concerning this communication or any earlier communication from the Examiner should be directed to CUONG Q NGUYEN whose telephone number is

(571) 272-1661. The Examiner is in the Office generally between the hours of 6:30 AM

to 5:00 PM (Eastern Standard Time) Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, primary examiner, Steven Loke, can be reached on (571) 272-1657.

Cuong Nguyer

Primary examiner

November 13, 2005